ABSTRACT

A high-speed wire spring forming apparatus capable of easily adjusting a coil diameter is provided that includes: a wire feeder having a pair of feeding rollers (22) for feeding a wire (1) to a spring forming stage (100) via a quill (10) serving as a wire guide; a revolving mechanism (30) for revolving the feeding rollers (22) about the axis (X1) of the wire (1) to twist the wire (1) fed out of the leading end of the quill (10) to change the circumferential position, or angular position, of the wire (1); and a multiplicity of spring forming tools (120) arranged radially on a spring forming stage (100), each of the spring forming tools (100) movable in a direction substantially perpendicular to the axis (X1) of the wire (1).